Work Orde <i>May-28-13 10:2.</i>		02482		*102	482*						Page 1
Revision ID:	D4021-9 Bushing			Accept	*N900	040	100)*	Setup Star	IA	S1* S2*
Start Date: Required Date: Reference:	5/27/13 5/27/13	Start Qty: 40.00 Req'd Qty: 40.00	*40* *40*		Cust Item II	D:					
Approvals:	Process P QC:	lan: MLJ .	Date: <u>13-05-28</u> Date:	Tooling: SPC (Y/N):		te:		j	Run Star Stoj		R1* R2*
Sequence ID/ Work Center ID)	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Re	evision Nbr									
D4021	В	<u> </u>									240
100				0.00	13.	C . 1		4-	d.		0AS 04 9-89
Hardinge Hardinge CNC Lathe	: Small	DWG REV FOLIO REV									

110

110

QC2- Inspect parts off machine FAI/FAIB

DEBURR

Memo

0.00

0.00

1.6.1

10

04

Quality Control

DQA:		_ Date:											TC
					WORK ORDER NON	-C(ONFO	RMANCE / UPDATE				AEROS	PACE
QA Closed:		Date:					,		W	ork Order u	odate only		
Work Orde	er:				DISPOSITION			AGAINST	T DE	PARTMENT	/PROCESS		
WO, K O I G	··· 	· · · · · · · · · · · · · · · · · · ·			Rework]		Skid-tube Crosstube	<u>.</u>]	Water Jet	Engineering	
Part N	lo.	7.			Scrap			Machining Small Fab	_	Pro	d. Eng. Coor.	Quality	
					Use-as-is		Thern	noforming Finishing	3	Rec/Sto	re/Packaging	Other	
NCR N	10				Suspected Unapproved			Large Fab Composite]	Supplier		
		1				Г				T 6: 0	, I		
Root	D-4-	Chan		Desci	ription of work order update	1	Initial	Action		Sign &		061	
Cause	Date	Step	Qty		or non-conformance	Cr	nief Eng	Description		Date	Verification	QC Inspec	tor
Design		,			•								
Doc/Data					, , , , , , , , , , , , , , , , , , ,								
Equip/Tooling	-	-											
Handling/Pre			,									ļ	
Material													
Operator													
Offset/Setup	\dashv												
Process Supplier	_												
Training													
Transport								· ·		·			
Unapproved								7					
ondproved	<u>_</u>	_1	11			FΔ	ULT CAT	TEGORY		<u> </u>	<u> </u>		
Landir	ng Gear				General								
,	Bending				Bend	Г]Folio/P	Program		Outside Dim	ensions [Pressure/Force	od.
Ì		lot Concei	ntric		BOM/Route	\vdash	Grain			Over/Under	<u>-</u>	Set-up	
	Cracks				Broken/Damage/Defect	\vdash	Hardwa	ire		Part Incorre	 	Temperature/0	Cure
Ì	Crimp/Ki	ink/Ripple	/Wave		Burrs		1	ion Incomplete/Unqualified		Part Lost/Mi	_	Weld	Juic
Ī	Cuffs				Contamination	_	1	ions Incomplete/Unclear	-	Part Moved	-	Wrong Stock P	ulled
ļ	Crushing	ţ			Countersink	\vdash	4	ned/off center		Positioned V	∟ Vrong		
ļ	Heat Tre			—	Cut Too Short	\vdash	Mislabe		\vdash	Power Loss/		Other	
İ		on Strip in	Tube		Drawing	Г	Misread	•		J	J	1	
	Marks/C				Drill Holes		Off-set						
	 1	Sequence			Finish		1	Calibration					
Ī	Wave/Tu	wist in Tub	e		Fit/Function		4	Sequence					

Work Order ID 102482	*102482*	Page 2
May-28-13 10:21:59 AM	1117 ++()/	1

May-28-13 10		J2482		*1(124	82*						Page 2	
Item ID: Revision ID: Item Name:	D4021-9 Bushing	9 · 100		Accept	*	N900	040	100)* s	etup Star Sto	1 7	S1* S2*	
Start Date: Required Date Reference:	5/27/13 e: 5/27/13	Start Qty: 40.00 Req'd Qty: 40.00	*40* *40*		÷	Cust Item I Customer:	D:				-	.· '	
Approvals:	Process P QC:	lan:	Date:				ate:		F	tun Star	1/1	R1* R2*	
Sequence ID/ Work Center 120 *120 *120 *120 *120 *120 *120 *120	ID	Operation Description QC8- Inspect parts - secon Memo Identify as per dwg & Sto	nd check	Set Up/ Run Hou 0.00 0.00	rs D.a	Tool ID	Tool#	Plan Code	Accept Qty 40	Reject Qty	Reject	Insp. Stamp AS 08 9-89	
140 *140* QC Quality Control		QC21- Final Inspection - Memo	Work Order Release	0.00						13/ NB0	3	H .	

DQA:		Date:										
۵۸ دامیما،		Data			WORK ORDER NON	l-C	ONFO	RMANCE / UPDA		ork Order up	-d-t - [AEROSPACE
QA Closed:		Date:					1		VV	ork Order up	date only	
Work Orde	er:				DISPOSITION			A	AGAINST DI	PARTMENT	/PROCESS	
	-		, ,		Rework	7		Skid-tube Cr	rosstube		Water Jet	Engineering
Part N	lo.				Scrap	1		Machining Si	mall Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is]	Therr	moforming F	Finishing	Rec/Sto	re/Packaging	Other
NCR N	No	_			Suspected Unapproved]		Large Fab Co	omposite]	Supplier	
Root		T		Desc	ription of work order update		Initial	Action		Sign &		
Cause	Date	e Step	Qty		or non-conformance	Cr	nief Eng	Descriptio	on	Date	Verification	QC Inspector
Design					,							
Doc/Data								•				
Equip/Tooling	.											
Handling/Pre												
Material	ì											
Operator												
Offset/Setup												
Process									,			,
Supplier					•							
Training Transport											,	
Unapproved												
onapproved			<u> </u>			FΔ	III T CA	TEGORY		. L		
Landir	ng Gear				General				.			
	Bendir	ıg			Bend] Folio/F	Program	Γ-	Outside Dim	ensions [Pressure/Forced
	Centre	Not Concer	ntric		BOM/Route		Grain	3		Over/Under		Set-up
	Cracks				Broken/Damage/Defect		Hardwa	are		Part Incorred	-	Temperature/Cure
	Crimp/	Kink/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Unquali	ified	Part Lost/Mi	ssing	Weld
:	Cuffs				Contamination		Instruct	tions Incomplete/Unclea	ar	Part Moved		Wrong Stock Pulled
[Crushi	ng			Countersink		Misalig	gned/off center		Positioned V	/rong	<u> </u>
	Heat T	reat			Cut Too Short		Mislabe	eled		Power Loss/	Surge	Other
1	Inspec	tion Strip in	Tube		Drawing		Misread	d				
		/Chatter			Drill Holes		Off-set					
		g Sequence		—	Finish		4	Calibration				
ł	Wave/	Twist in Tub	oe .		Fit/Function	1	Out of	Sequence				

Page 1

Work Order ID:

102482

Parent Item:

D4021-9

Parent Item Name:

Bushing

Start Date: 5/27/13

Required Date: 5/27/13

Start Qty: 40.00

Required Qty: 40.00

Comments:

IPP REV:A NEW ISSUE 09-11-23 JLM VERIFIED BY:DD

IPP Rev:B as per dwg REV.A

12.984

DD 10.02.22 verified by:EC IPP Rev:C as per dwg revB DD 10.04.20 verified by:EC

Component Item ID/	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304R0.375		Purchased	No				f	12.9840		3.32			
304 ROUND BAR 0.375									•	<u></u>		. ,	
				Location		Loc Oty	Le	oc Code					
				MAT029		12.984	•						

304.437R

125585

2.833' 12.6.

DQA:		Da	ite:_										DART
QA Closed:		Da	ıte:	,	WORK ORDER NON	-C(ONFO	RMANCE / UPDATE	·	ork Order u	odate only		AEROSPACE
					DISPOSITION			AGAINST	-	PARTMENT		<u> </u>	1
Work Orde	er:					1			_	- · · · · · · · · · · · · · · · · · · ·		_	
					Rework			Skid-tube Crosstube			Water Jet	L	Engineering
Part I	No				Scrap		1	Machining Small Fab	-		d. Eng. Coor.		Quality
. NCD I	NI a				Use-as-is	-	Therr	moforming Finishing	\vdash	Rec/Stoi	re/Packaging	_	Other
NCR I	NO		***		Suspected Unapproved	J		Large Fab Composite		J	Supplier		
Root				Des	cription of work order update	!	Initial	Action		Sign &			
Cause	Da	ite Ste	ep (Qty	or non-conformance	Ch	nief Eng	Description		Date	Verificatio	n	QC Inspector
Design													
Doc/Data	\sqcup	Ì											
Equip/Tooling	<u> </u>												
Handling/Pre	H												
Material	 												
Operator	Н		ļ		•								
Offset/Setup	H												
Process	├ ┥												
Supplier	H												
Training	H					İ					:		
Transport	H												
Unapproved	<u> </u>					EAL	LUTCA	TEGORY		<u>i</u>		_	
Landi	ng Gear				General	FA	OLI CA	IEGORI					
Laria	Benc	ling		<u> </u>	Bend		Teolio/E	Program	Г	Outside Dim	onsions		Pressure/Forced
	—	re Not Coi	ncentr	ic	BOM/Route	\vdash	Grain	TOSTATI	\vdash	Over/Under			Set-up
	Cracl			"	Broken/Damage/Defect	<u> </u>	Hardwa	are	H	Part Incorred			Temperature/Cure
	⊢	p/Kink/Rip	ple/W	Vave	Burrs		1	ion Incomplete/Unqualified		Part Lost/Mi			Weld
	Cuffs		- (-	Contamination	\vdash	1	tions Incomplete/Unclear	\vdash	Part Moved	_		Wrong Stock Pulled
	Crusi			1	Countersink		1	ned/off center	\vdash	Positioned V			TVI ONS STOCK Funca.
	 i	Treat			Cut Too Short		Mislabe			Power Loss/	- 1		Other
	⊢	ection Stri	p in Tu	ube	Drawing		Misread		_	J	0-		
	-	cs/Chatter		-	Drill Holes		Off-set						
	Turn	ing Seque	nce		Finish		-{	Calibration					-
	Wave	e/Twist in	Tube		Fit/Function		Out of S	Sequence		·	·· ,		

DART AEROSPACE LTD	Work Order:	102482
Description: Bushing	Part Number:	D4021-9
Inspection Dwg: D4021 Rev: B		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

FIRST ARTICLE INSPECTION CHECKLIST												
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	inspection	Comments						
Ø0.191	+0.005/-0.001	./9/			20.02							
0.38	+/-0.030	. 300			1,							
0.75	+/-0.030	- 75/			"							
701 Landing (10 10 10 10 10 10 10 10 10 10 10 10 10 1												
			-	-								
 												
	DAS											
easured by:		Audited by:	13/06/02	250	Preliminary App	proval:						
Date:	3.6.1	Date:	13/06/02	5-80		Date:						

	<u>` </u>					
Measured by:	, 9-89 	Audited by:	DE DA	, , , , , , , , , , , , , , , , , , , ,	inary Approval:	
Date:	3.6.1	Date:	13/06/02 08	11	Date:	

Rev	Date	Change	Revised b	y	Approved
Α	10.06.08	New Issue	KJ	d()	T M
				<i>171</i>	





